

**Amendment to the Abstract:**

The Abstract has been amended. A revised Abstract is attached.

**ABSTRACT**

b2  
An in-vehicle device ~~data~~ communicates with Internet based data processing resources for the purpose of transacting e-mail, e-commerce, and e-business. ~~The in-vehicle device and the Internet based data processing resources can~~ to effectuate a wide variety of e-mail, e-commerce, and e-business ~~including such as~~ accessing auto part databases[[,]]; warranty, customer, and other remote databases. ~~In addition, e-mail, e-commerce and e-business transactions can include;~~ vehicle security and vehicle service management; data communicating Internet based radio, audio, MP3, MPEG, video; ~~and other types of data.~~ Furthermore, ~~e-mail, e-commerce, and e-business transactions can include~~ interactive advertising, promotional offers, coupons[[,]]; and supporting other remote data communications.

The in-vehicle device can also include functionality for remote monitoring of vehicle performance, data communicating and accessing remote Internet based content and data, and effectuating adjustments and control of vehicle operation. ~~Remote monitoring and control of vehicle operation can be way of Internet based data processing resource and can include engine control system programming and setting adjustment, vehicle monitoring, and transmission of vehicle telemetry and metric data. Vehicle telemetry and metric data can include global positioning system (GPS) data, vehicle operational data, engine performance data, and other vehicle data.~~

The in-vehicle device can also wirelessly data communicate with a communication interface device ~~(COM device)~~ or an Internet internet appliance. ~~Such COM devices or Internet appliances, which~~ can data communicate wirelessly with ~~an~~ the in-vehicle device and simultaneously data communicate in a wired or wireless mode of operation to Internet based data processing resources, ~~and to other data processing resources.~~